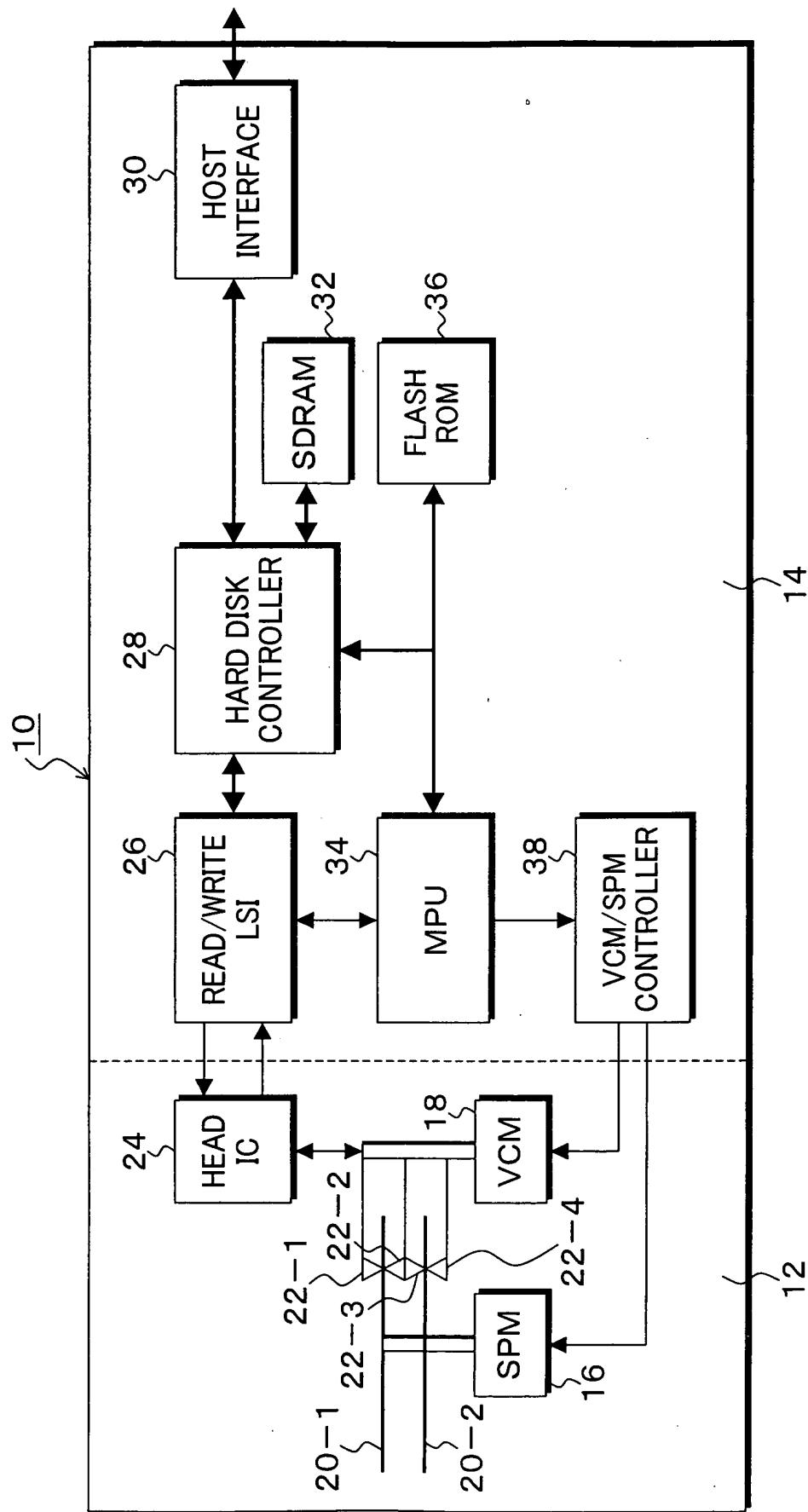


FIG. 1



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FIG. 2

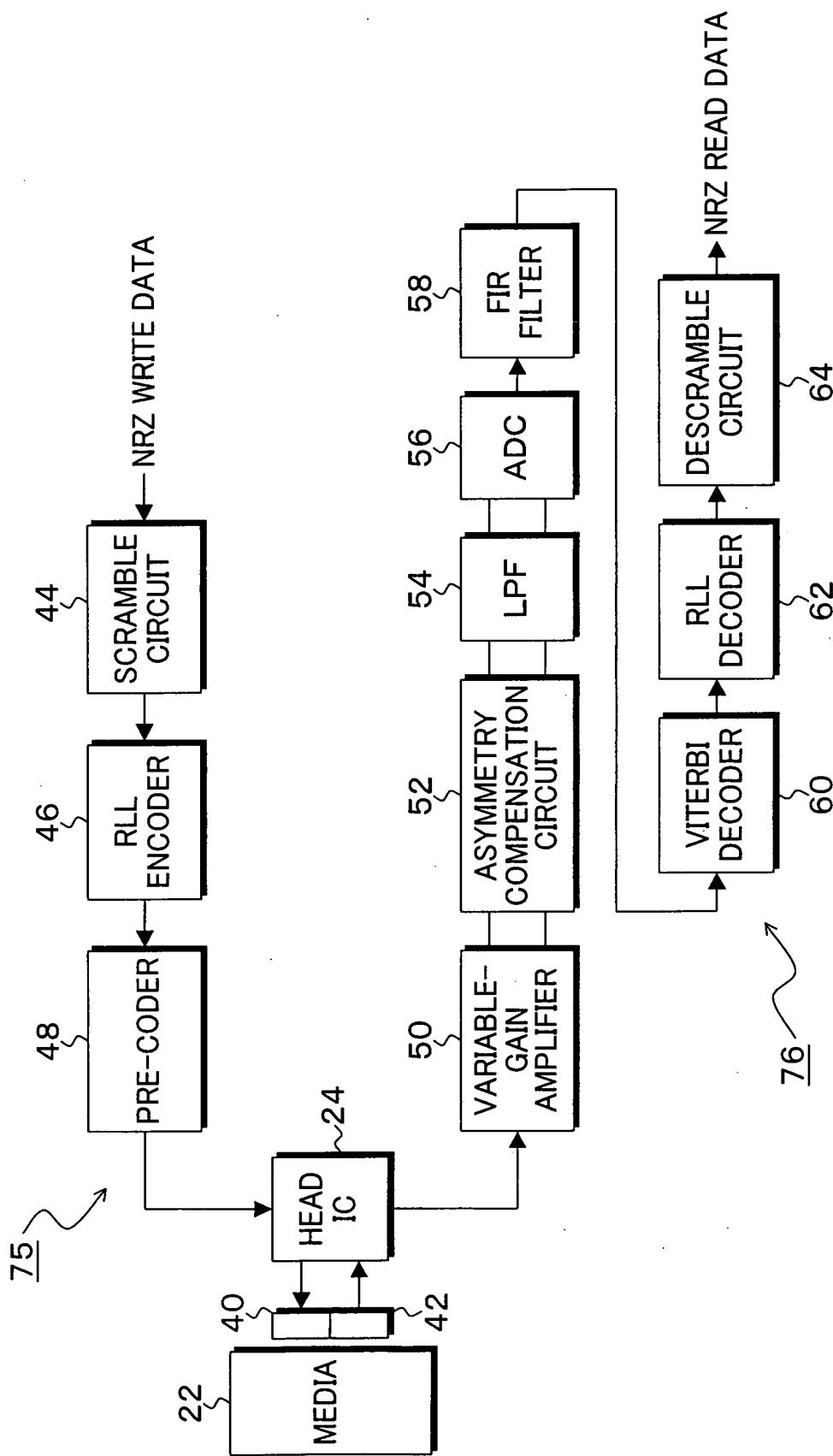
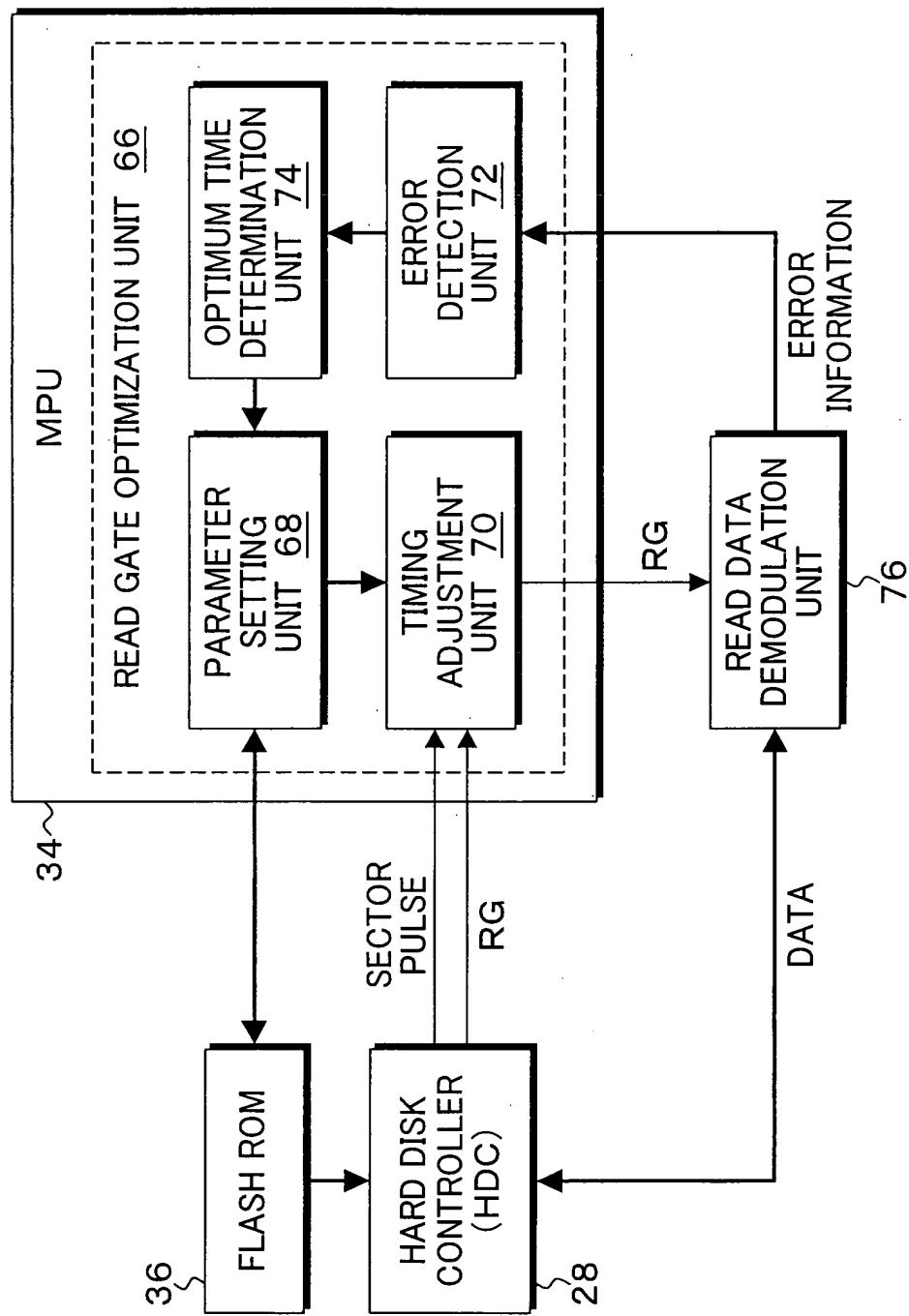


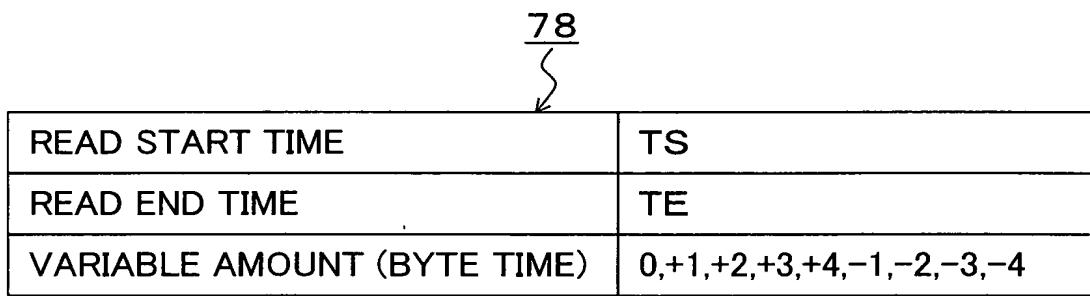
FIG. 3



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FIG. 4

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READ START TIME	TS
READ END TIME	TE
VARIABLE AMOUNT (BYTE TIME)	0,+1,+2,+3,+4,-1,-2,-3,-4

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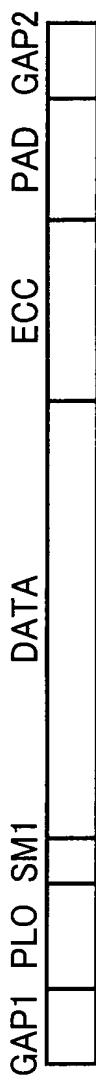


FIG. 5A NRZ

FIG. 5B WRITE GATE

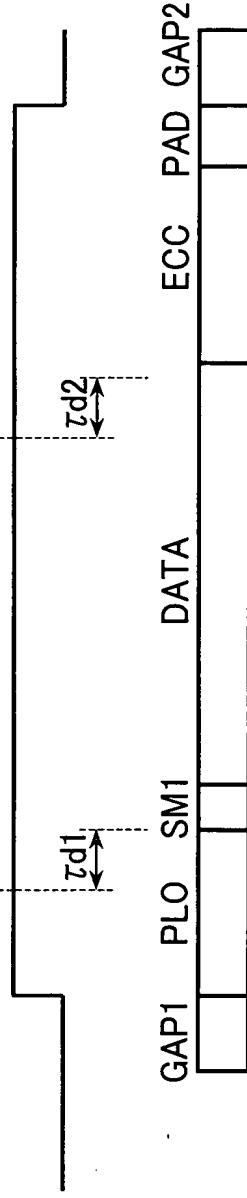


FIG. 5C MEDIA

FIG. 5D SECTOR PULSE

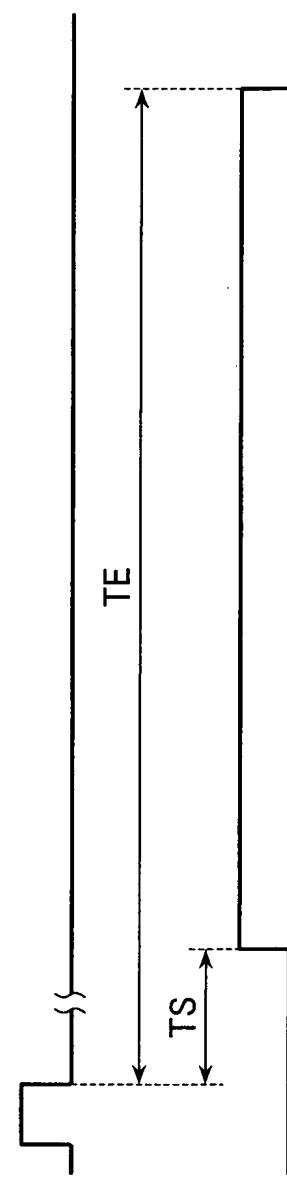


FIG. 5E READ GATE

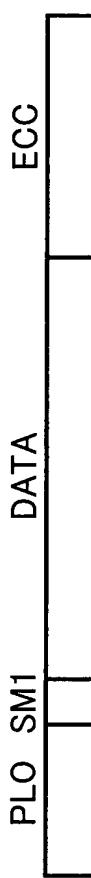


FIG. 5F READOUT DATA NRZ

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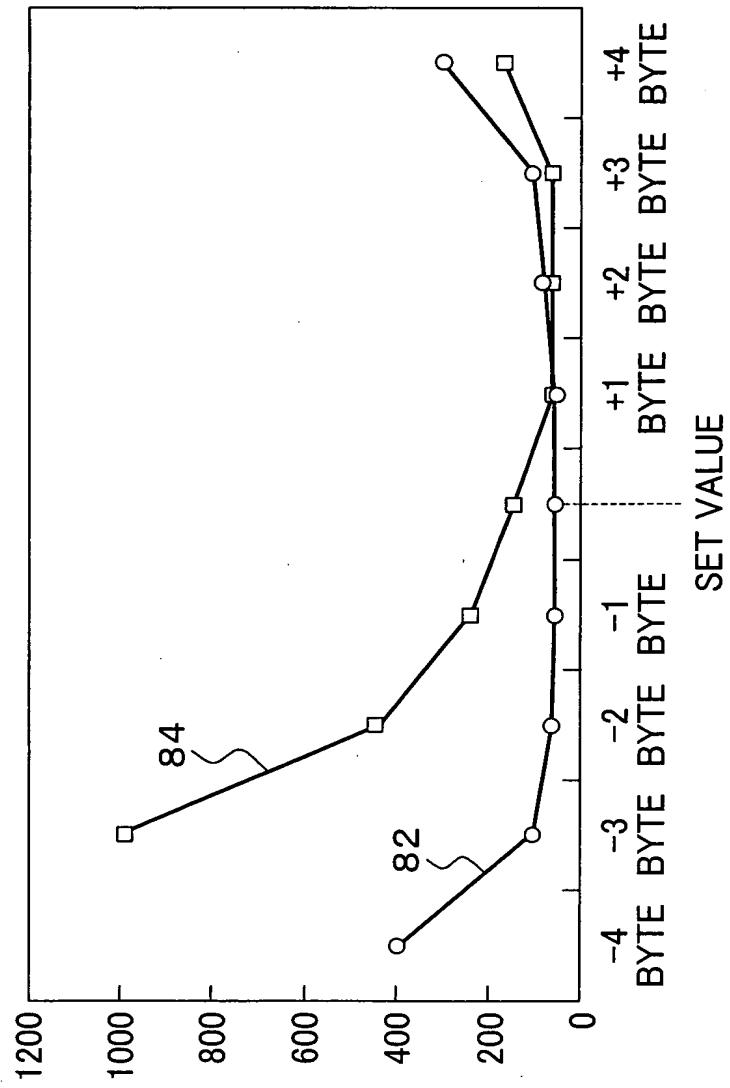
FIG. 6

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HEAD NUMBER	ZONE NUMBER	READ START TIME	READ END TIME
H1	Z1	TS+1	TE
	Z2	TS	TE-1
	Z3	TS-1	TE+1
	Z4	TS	TE
	Z5	TS+2	TE
	:	:	:
	Zn	TS	TE+1
H2	Z1	TS	TE
	Z2	TS+1	TE
	Z3	TS	TE+1
	Z4	TS	TE
	Z5	TS-1	TE-2
	:	:	:
	Zn	TS	TE
Hn	Z1	TS	TE+1
	Z2	TS	TE
	Z3	TS-2	TE
	Z4	TS-1	TE-1
	Z5	TS	TE
	:	:	:
	Zn	TS	TE

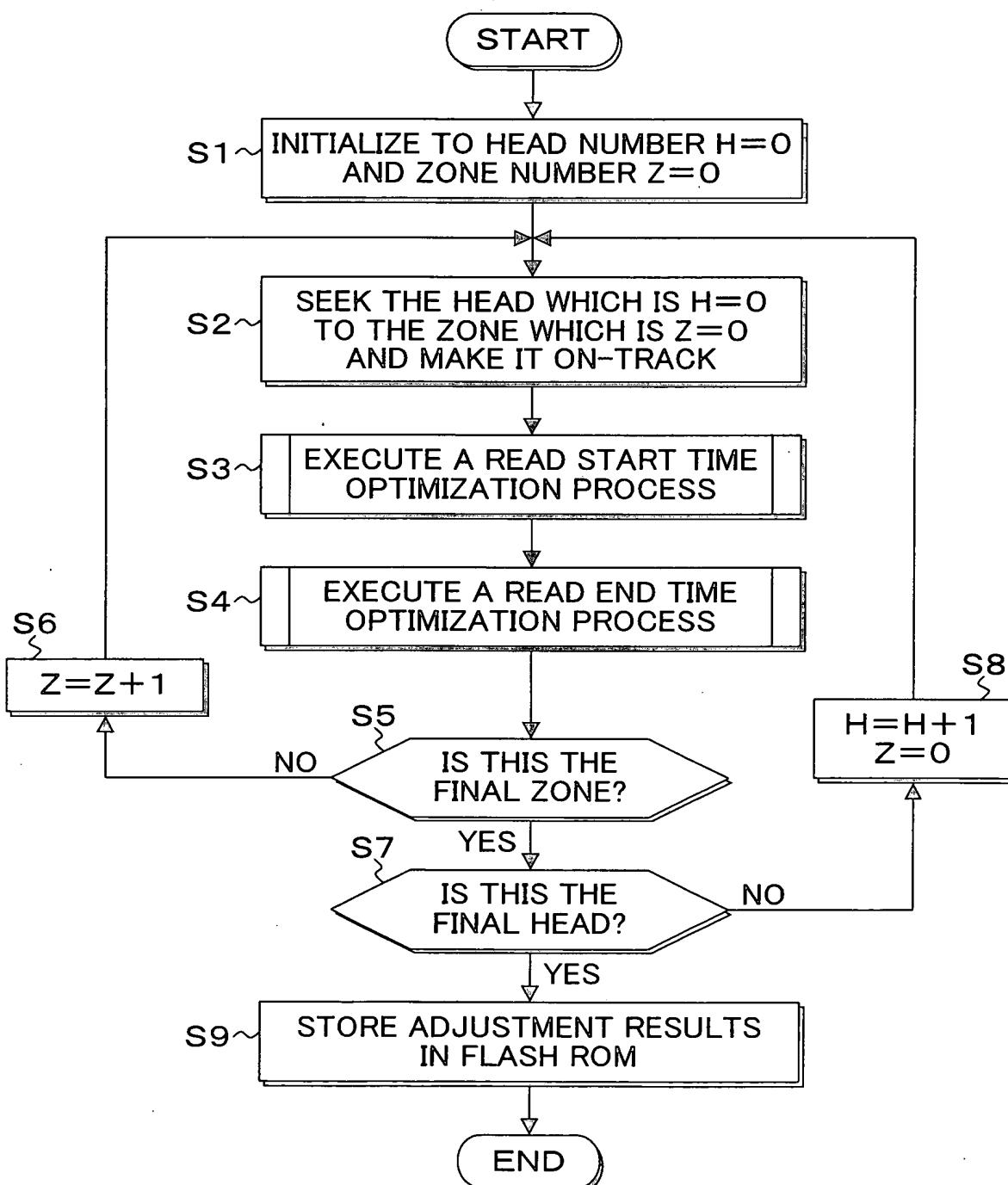
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FIG. 7



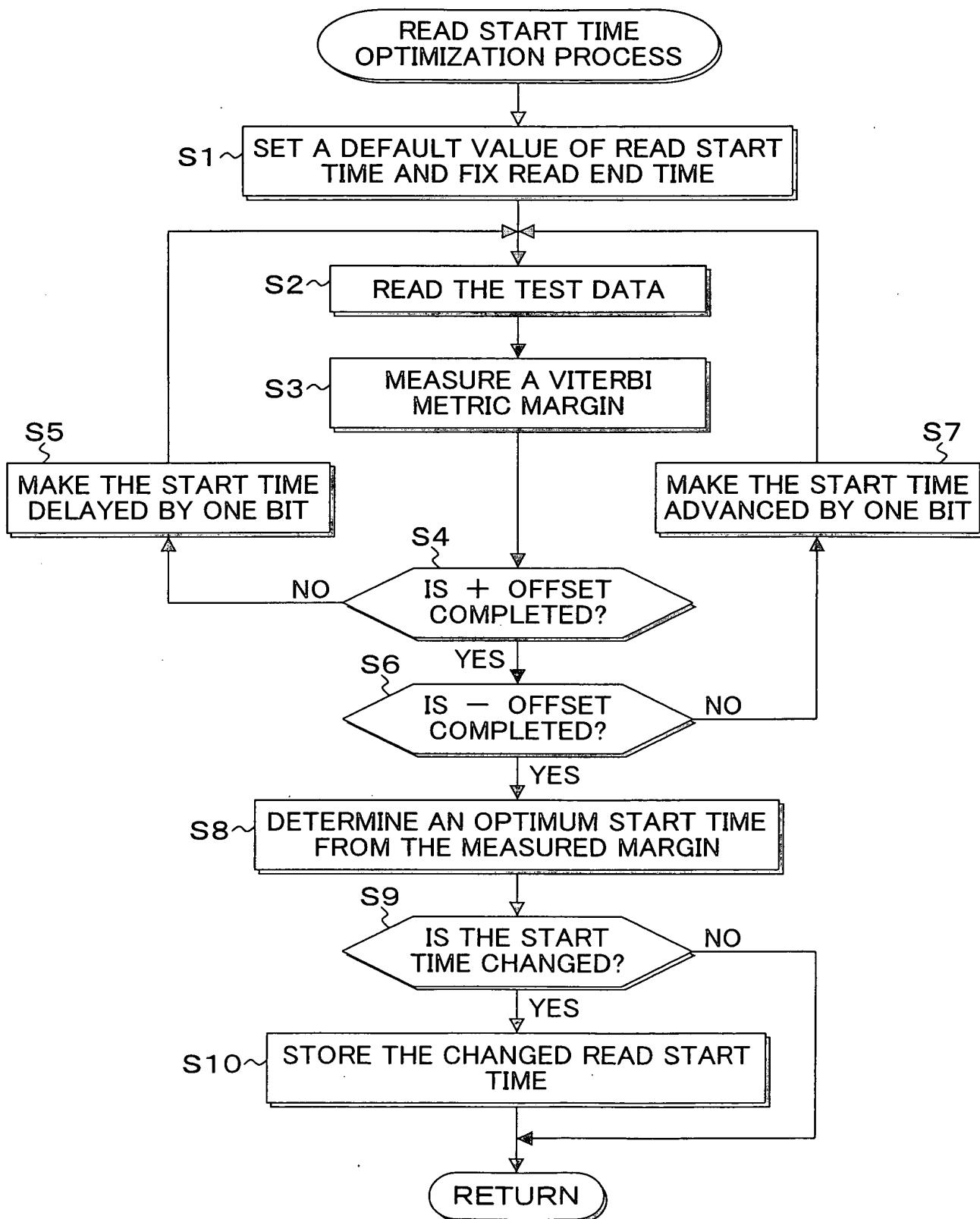
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FIG. 8



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FIG. 9



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FIG. 10

